

SECRET

SCIENTIFIC INTELLIGENCE COMMITTEE

17 January 1967

MEMORANDUM FOR: Director, National Estimates

SUBJECT: Supplementary Contribution to NIPP-67

1. The NIPP table III performance figures on both Soviet ASW and Fighter-bomber aircraft have been reviewed as requested at the Reps session and are attached.

2. These figures were prepared by the Aircraft Working Group of the SIC without reservation and, because of the short deadline, no further SIC review is contemplated.


Executive Secretary

25X1A

Attachment:
NIPP Table III

Distribution:
10 - ONE
1 - Each SIC member
1 - AWG
2 - SIC file

SECRET

SCIENTIFIC INTELLIGENCE COMMITTEE

AIRCRAFT WORKING GROUP

13 January 1967

TO: Chairman, SIC

SUBJECT: SIC/AWG Contribution to NIPP Table III (U)

1. (S) In response to a SIC requirement for update and revision of NIPP Table III performance figures on both Soviet ASW (Antisubmarine Warfare) and Fighter-Bomber Aircraft, the following is submitted:

ASW

	<u>ICC</u>	<u>GROSS WEIGHT</u>	<u>CRUISE CEILING</u>	<u>CRUISE SPEED</u>	<u>PAYLOAD</u>	<u>COMBAT RADIUS</u>
MAY	1967-69	141,000 Lb ₁ /	27,000 Ft	325 Kt	18,000 Lb ₁ /	1,210 NM ² /

1/ The operational empty weight should be somewhat heavier than the 70,800 pounds for the IL-18. Fuel is estimated at 51,000 pounds giving a payload capability of around 18,000 pounds.

2/ For the ASW mission, time on station/radius is a straight line function with an approximate three hour/400 NM variation, i.e.; at 800 NM, 3.1 hours; at 400 NM, 6.2 hours. Mission profile is fly out at 15,000 feet, loiter at L/D max; at 1,500 feet, fly back at 25,000 feet.

FIGHTER-BOMBERS

<u>DESIGN</u>	<u>IOC</u>	<u>GUNS (All Missions)</u>	<u>FUEL LB</u>	<u>FUEL TANKS</u>	<u>BOMBS OR ROCKET LOADS</u>	<u>H-L-H</u>	<u>L-L-H</u>	<u>L-L-L</u>
FITTER (SU7)	1959	2x30 mm	9100	2	2x1100	320	-	-
			7000	0	4x1100	230	-	-

2. (S) Due to the short suspense, an AWG meeting was not held but all members were contacted and concur with the above.

John W. Farr
JOHN W. FARR, Colonel, USAF
Chairman, SIC/AWG